

What is claimed is:

1. A Lens stocking device capable of stocking a plurality of lenses comprising:

5 a first stage and a second stage, each of which is capable of stacking a plurality of lens accommodating trays in a vertical direction thereof, and is movable in the vertical direction; and

a tray transferring unit which transfers one of the plurality of trays from the first stage to the second stage.

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2. The lens stocking device according to claim 1, wherein the first stage is to be stacked with the tray which accommodates a lens to be processed, and the second stage is to be stacked with the tray which accommodates a processed lens.

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3. The lens stocking device according to claim 1 further comprising a reader unit which reads an identifier provided on the respective trays.

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4. The lens stocking device according to claim 1, wherein a pair of left and right eyeglass lenses are accommodated in the respective trays.

5. A lens processing system comprising:

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a lens stocking device capable of stocking a plurality

of lenses; and

a lens processing device; and

a lens conveying device which conveys one of the plurality of lenses between the lens stocking device and the lens processing device.

6. The lens processing system according to claim 5, wherein the lens stocking device includes:

a first stage and a second stage, each of which is capable of stacking a plurality of lens accommodating trays in a vertical direction thereof, and is movable in the vertical direction; and

a tray transferring unit which transfers one of the plurality of trays from the first stage to the second stage.

7. The lens processing system according to claim 6, wherein the first stage is to be stacked with the tray which accommodates a lens to be processed, the second stage is to be stacked with the tray which accommodates a processed lens, and the lens conveying device takes out the lens to be processed from the tray and conveys and sets the lens to the lens processing device, and takes out the lens processed by the lens processing device from the lens processing device and conveys and put the processed lens on the same tray from which the lens to be processed is taken out.

8. The lens processing system according to claim 5 further comprising:

a reader unit which reads an identifier provided on the
5 respective trays; and

a control unit which sends processing data based on the read identifier to the lens processing device.

9. The lens processing system according to claim 5 further comprising:

a reader unit which reads an identifier provided on the respective trays; and

a control unit which sends control data based on the read identifier to the lens conveying device.

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10. The lens processing system according to claim 5, wherein a plurality of the lens stocking devices are arranged side by side in a lateral direction, and a plurality of the lens processing devices are arranged side by side in the lateral
20 direction.

11. The lens processing system according to claim 10, wherein the lens conveying device is provided with a movement path between the plurality of lens stocking devices and the plurality
25 of lens processing devices.

12. The lens processing system according to claim 5 further comprising a blocking device disposed in a vicinity of the lens conveying device for attaching a cup serving as a processing
5 jig to a refractive surface of the lens.

13. The lens processing system according to claim 5 further comprising a base on which the lens stocking device, the lens processing device and the lens conveying device are disposed,
10 casters being attached to the base.

14. The lens stocking device according to claim 5, wherein a pair of left and right eyeglass lenses are accommodated in the respective trays.

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